



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Craig C. Mello *et al.*

Serial No.: 09/689,992

Filed: October 13, 2000

For: *RNA Interference Pathway Genes as Tools for Targeted Genetic Interference*

Attorney Docket No.: UMY-052

Group Art Unit: 1637

Examiner: Teresa E. Strzelecka

MS AF

Commissioner for Patents

Post Office Box 1450

Alexandria, VA 22313-1450

CERTIFICATION UNDER 37 CFR 1.10

Date of Deposit: November 3, 2004

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I hereby certify that this 37 CFR 1.53(b) request and the documents referred to as attached therein are being deposited with the United States Postal Service on the date indicated above in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and addressed MS AF, Commissioner for Patents, Post Office Box 1450, Alexandria, VA 22313-1450.

Debra J. Milasincic, Esq.

Name of Person Mailing Paper

Signature of Person Mailing Paper

AMENDMENT AND RESPONSE

Dear Sir:

This communication is submitted in response to the Final Office Action (Paper No. 29042004) dated May 3, 2004. A separate petition for the appropriate extension of time in which to respond is being filed concurrently herewith. Responsive to the Action, please find Applicants' remarks and arguments as follows:

**Remarks/Arguments** begin on page 2 of this paper.